

AUG 18 2003

GROUP 1600

**PIONEER HI-BRED INTERNATIONAL, INC.  
CORPORATE INTELLECTUAL PROPERTY DEPARTMENT**

**FAX TRANSMISSION**

-----  
7100 N.W. 62<sup>nd</sup> Avenue  
P.O. Box 1000  
Johnston, Iowa 50131-1000

Phone: (515) 270-4192

Fax: (515) 334-6883

---

TO: EXAMINER ANNE R. KUBELIK  
FROM: VIRGINIA DRESS  
RE: U.S. PATENT APPLICATION SERIAL NO. 09/537,654  
ATTORNEY DOCKET NO. 1107E  
DATE: 08/18/03 FAX NUMBER: (703) 872-9307  
NUMBER OF PAGES FOLLOWING THIS SHEET: 10

---

**TRANSMISSION INCLUDES THE FOLLOWING:**

Transmittal Form (1 Page)  
Amendment (9 Pages)

The contents of this facsimile are or may be attorney privileged and/or confidential and are intended only for the use of the recipient identified above. If the reader of this message is not the identified recipient, or the employee or agent responsible for delivering it to the identified recipient, you are hereby notified that any dissemination or use of this communication is unlawful and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the sender at the above address via the U.S. Postal Service. Anyone so cooperating will be reimbursed for the reasonable expense incurred.

If there is a problem with transmission or illegible pages, please contact the sender or (515) 270-4192.

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	09/537,654
		Filing Date	08/19/2003
		First Named Inventor	Pramod B. Mahajan
		Art Unit	1638
		Examiner Name	Kubelik, Anne R.
Total Number of Pages in This Submission	10	Attorney Docket Number	1107E

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Virginia Dress
Signature	<i>Virginia Dress</i>
Date	August 18, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Virginia Dress		
Signature	<i>Virginia Dress</i>	Date	August 18, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE TRANSMISSION  
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING FACSIMILE TRANSMITTED TO THE U.S.  
PATENT AND TRADEMARK OFFICE AT 703-872-9307 ON AUGUST 18, 2003

Name (Type or Print) Virginia Dress

Signature *Virginia Dress* Date 8/18/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Pramod B. Mahajan  
Application Number : 09/537,654  
Filing Date : 03/29/2000  
Title : Rad51-Like Polynucleotides and Uses Thereof  
  
Group/Art Unit : 1638  
Examiner : Kubelik, Anne R.  
  
Attorney Docket Number : 1107E

Mail Stop AF  
Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

**NON-FEE AMENDMENT**

**AMENDMENT AFTER FINAL ACTION PURSUANT TO 37 C.F.R. §1.116**

In response to the Final Office Action of July 15, 2003, Applicants respectfully request entry and consideration of the following amendments:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.